

# Shruti Kothadia

Post Graduate In Business Analytics

Proven skills in EDA, data mining, predictive modelling and data visualization for deriving valuable and actionable insights from data.

## Contact

### Address

Pune, Maharashtra, 411004

### Phone

808-718-6701

### E-mail

kshruti.3003@gmail.com

### LinkedIn

<https://www.linkedin.com/in/kothadiashruti/>

### WWW

<https://www.kaggle.com/shrutikothadia>

## Software

Excel

Power BI

Python

Java

MySQL

R

Tableau

IBM SPSS Statistics

STATA

Cloud Services - Heroku

Flask

TensorFlow

Matlab

Jupyter Notebooks

## Skills

Exploratory Data Analysis

Predictive Analytics

Analytical Thinking

## Projects

### • Heart Attack Predication and Analysis

Implemented feature selection, multiple statistical classification models and optimized them using Pandas, scikit-learn, seaborn libraries in Python.

### • Effect of features in mobile pricing

Implemented classification model in R to identify the quantitative effect of features on the pricing of a mobile phone.

### • Used car price prediction

Implemented a XGBoost regression model and feature elimination in python to predict the price of used cars with an accuracy of 84% using hyperparameter tuning

### • Product promotion based on customer behaviour

Predicted the products to be promoted to a customer, based on historical products used, by using Multi-class classifier (Random forest and AdaBoost Classifier) with an accuracy of 90%

### • Employee attrition prediction

Implemented a classification model in python to predict which employee will leave the organisation in the next 6 months

## Education

2020-10 -  
2021-11

### Post Graduate Diploma: Business Analytics

Birla Institute of Technology And Science - GPA : 8.16

- Coursework in Foundations of Data Science, Quantitative Measures, Advanced Statistical Methods, Predictive Analytics, Supply Chain Analytics, Financial Analytics and Data Visualization and Communication.

2013-08 -

### B.E : Electronics And

Data Cleaning  
Hyperparameter tuning

## Languages

English   
Very Good

German   
Basic

2017-06

## Telecommunication

Pune Institute of Computer Technology - GPA :  
9.47

Coursework in Artificial Intelligence, Soft  
Computing and Digital Image Processing.  
Implemented a project for object detection in  
python and openCV using cascade classifier with  
an accuracy of more than 95%

## Certifications

2019-02

Business Metric for Data-Driven Companies - Duke  
University

2020-05

Managing BigData with MySQL - Duke University

2020-05

Data Visualization and Communication with  
Tableau - Duke University

## Accomplishments

- Publication of 2 paid articles in Data Science Blogathon organised by Analytics Vidhya.
- Secured highest score in Data Visualization and Communication course by creating a dashboard in Power BI within 2 hours and deriving insights from it.

## Work History

2017-07 -  
Current

### Senior Quality Assurance Engineer

eQ Technologic India Pvt Ltd, Pune

- Understood requirements, designed usecases, created and implemented test plans for data validation for a Business Intelligence tool
- Led multiple process improvements while leading a team of 3 QA engineers to reduce manual work and improve efficiency and quality of deliverables.
- Data validation for multiple connectors using DML and DQL commands